

Message Text

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44

ACTION EUR-12

INFO OCT-01 ISO-00 EURE-00 SS-15 NSC-05 PA-01 PRS-01

CIAE-00 INR-07 NSAE-00 DODE-00 BIB-01 /043 W

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P 221501Z AUG 75

FM USMISSION USBERLIN

TO USIA WASHDC PRIORITY

INFO SECSTATE WASHDC PRIORITY 1346

AMEMBASSY BERLIN

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USIAC

USIA FOR IBS/EF JACOBS FROM SHERRILL

SECSTATE FOR EUR/CE

E.O. 11652: N/A

SUBJECT: RIAS RECEPTION SURVEY, BRANDENBURG AND MAGDEBURG,
GDR

REF: USBERLIN 1695-C

1. SUMMARY: PRELIMINARY OBSERVATIONS INDICATE THAT CO-CHANNEL GDR JAMMERS OPERATING ON RIAS MEDIUM-WAVE FREQUENCIES MAKE RECEPTION EXTREMELY DIFFICULT, IF NOT NIL, IN MAJOR CITIES AND TOWNS WHILE THERE IS PROBABLY FAIR TO GOOD RECEPTION IN RURAL AREAS WHERE CITY JAMMERS ARE NOT AS EFFECTIVE. SHORTWAVE AND FM FREQUENCIES ARE NOT JAMMED.

2. STRONG LOCAL CO-CHANNEL JAMMERS OPERATING AGAINST RIAS MEDIUM-WAVE BROADCASTS AT BRANDENBURG AND MAGDEBURG, PRECLUDE RECEPTION OF BROADCASTS DURING MORNING, AFTERNOON AND EVENING PERIODS. FREQUENCIES 683 AND 989 KHZ BOTH RECEIVED STRONG PULSED NOISE TYPE JAMMING INTERFERENCE IN BRANDENBURG WHILE THERE WAS STRONG HETERODYNE (TONE) INTERFERENCE ON FREQUENCIES 683, 854 AND 989 KHZ IN MAGDEBURG.

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FREQUENCY 854 KHZ WAS OBSERVED WITH A STRONG SIGNAL BEGINNING

AT 0500 GMT UNTIL SIGN-OFF AT 0740 GMT IN BRANDENBURG, HOWEVER, QUALITY OF RECEPTION WAS ONLY FAIR DUE TO MODERATE DEGRADATION BY A CO-CHANNEL HETERODYNE JAMMER.

3. RECEPTION ON RIAS SHORTWAVE FREQUENCY 6005 KHZ (BERLIN) WAS GOOD DURING PERIOD 1500-1730 GMT IN BRANDENBURG AND GOOD WHEN APPLIED FROM MUNICH 1730-2200 GMT WITH A STRONG SIGNAL. RECEPTION ON 6005 KHZ BECAME POOR 2200-2400 GMT BECAUSE OF STRONG CO-CHANNEL VOICE STATION INTERFERENCE. 6005 KHZ (BERLIN) WAS UNHEARD IN MAGDEBURG, HOWEVER, RECEPTION WAS GOOD 1730-2200 GMT WHEN APPLIED FROM MUNICH. RIAS SHORTWAVE SIGNAL WAS CLEAR OF JAMMING.

4. RIAS FM FREQUENCY 89.6 MHZ (CHANNEL 9) PROVIDED AN EXCELLENT, UNJAMMED SIGNAL IN BRANDENBURG. CONVERSELY, ALL THREE CHANNELS UTILIZED WERE UNHEARD IN MAGDEBURG.

5. AT SOME POINTS ON AUTOBAHN BETWEEN BERLIN AND MAGDEBURG, RIAS MEDIUMWAVE FREQUENCY 989 KHZ PROVIDED FAIR RECEPTION WHEN AWAY FROM INTERFERENCE BY CITY JAMMERS, ALTHOUGH A MODERATE HETERODYNE REMAINED ON FREQUENCY. NUMBER OF JAMMERS OPERATING IN EACH FREQUENCY NOT DETERMINED.

6. SURVEY CONTINUING. TUOHEY

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
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Concepts: RADIO BROADCASTING, SURVEYS
Control Number: n/a
Copy: SINGLE
Draft Date: 22 AUG 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: ElyME
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Document Unique ID: 00
Drafter: n/a
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Film Number: D750291-0542
From: USBERLIN
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19750825/aaaaavkw.tel
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